

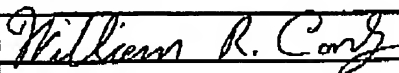
PTO/SB/21 (09-04)

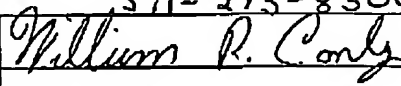
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<b>TRANSMITTAL FORM</b>  (to be used for all correspondence after initial filing)	Application Number	10/037,086	
	Filing Date	10/22/2001	
	First Named Inventor	Xavier et al.	
	Art Unit	2123	
	Examiner Name	Russell L. Guill	
Total Number of Pages in This Submission	12	Attorney Docket Number	SP6851/S96528

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form	<input type="checkbox"/> Drawing(s)	<input type="checkbox"/> After Allowance Communication to TC
<input type="checkbox"/> Fee Attached	<input type="checkbox"/> Licensing-related Papers	<input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences
<input checked="" type="checkbox"/> Amendment/Reply	<input type="checkbox"/> Petition	<input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief)
<input type="checkbox"/> After Final	<input type="checkbox"/> Petition to Convert to a Provisional Application	<input type="checkbox"/> Proprietary Information
<input type="checkbox"/> Affidavits/declaration(s)	<input type="checkbox"/> Power of Attorney, Revocation	<input type="checkbox"/> Status Letter
<input type="checkbox"/> Extension of Time Request	<input type="checkbox"/> Change of Correspondence Address	<input type="checkbox"/> Other Enclosure(s) (please identify below):
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<input type="checkbox"/> Reply to Missing Parts/Incomplete Application	<input type="checkbox"/> Landscape Table on CD	
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SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT			
Firm Name	Sandia Corporation		
Signature			
Printed name	William R. Conley		
Date	12/16/2005	Reg. No.	55,844

CERTIFICATE OF TRANSMISSION/MAILING	
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Signature	
Typed or printed name	William R. Conley
Date	12/16/2005

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**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Application No. : 10/037,096

Confirmation No. : 5879

Applicant : Xavier et al.

Title: *Apparatus and Method for  
Interaction Phenomena With  
World Modules in Data-Flow-  
Based Simulation*

Filed : 10/22/2001

Art Unit : 2123

Examiner : Russell L. Guill

Docket No. : SD6851/S96528

Customer No. : 20567

**AMENDMENT**Commissioner for Patents  
P.O. 1450  
Alexandria, VA 22313-1450

Date: 12/16/2005

Sir:

In response to the Office Action mailed 11/18/2005, please amend the above identified application and reconsider the patentability of the invention in light of the arguments and amendments presented. Applicants submit the following in complete response thereto.

The Office is hereby authorized to charge **Deposit Account # 19-0131** for any necessary fees regarding this Reply.